

Title (en)
CLOSURE ASSEMBLY WITH SAFETY DEVICE FOR MANUAL UNLOCKING OF DOOR PANELS OR DRAWERS

Title (de)
VERSCHLUSSSYSTEM MIT SICHERHEITSVORRICHTUNG ZUR MANUELLEN ENTRIEGELUNG DER TÜRBLÄTTER ODER SCHUBLADEN

Title (fr)
ENSEMBLE DE FERMETURE AVEC DISPOSITIF DE SÉCURITÉ POUR DÉVERROUILLAGE MANUEL DE PANNEAUX DE PORTE OU TIROIRS

Publication
EP 3546680 A1 20191002 (EN)

Application
EP 19159961 A 20190228

Priority
IT 201800004106 A 20180329

Abstract (en)
A locking assembly (100) for pieces of furniture (10), comprises: a latch (2) suitable for sliding in order to lock drawers (11) or door panels (10) of the piece of furniture in closed position, an actuation arm (3) suitable for actuating the latch (2), a support (153) from where the actuation arm (3) projects, an electrical motor (M) comprising a shaft (M1) where the support (153) is fixed, a management and control unit (G), a box (7) suitable for sliding, which houses the electrical motor (M), a manual security device (8) connected to the box (7) to make the box (7) slide from a proximal position relative to the latch (2) to a distal position relative to the latch (2).

IPC 8 full level
E05B 63/00 (2006.01); **E05B 65/462** (2017.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 63/0073 (2013.01); **E05B 65/462** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/0024** (2013.01); **E05B 2047/0094** (2013.01)

Citation (search report)

- [A] US 4633688 A 19870106 - BEUDAT EMILE [SE], et al
- [A] FR 2879643 A1 20060623 - ANTONIAZZI ALAIN [FR]
- [A] EP 0021670 A1 19810107 - LYNG BJOERN [ES], et al
- [A] KR 100987524 B1 20101012
- [A] US 2007159038 A1 20070712 - HUANG KUO-SHENG [TW]
- [A] CH 687888 A5 19970314 - EBS GMBH ELEKTRONISCHE BANK SY [DE]
- [A] WO 2016116903 A1 20160728 - MALVESTITI MARCO [IT]

Cited by
US2022403679A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3546680 A1 20191002; EP 3546680 B1 20210113; ES 2868081 T3 20211021; IT 201800004106 A1 20190929

DOCDB simple family (application)
EP 19159961 A 20190228; ES 19159961 T 20190228; IT 201800004106 A 20180329